

PRODUCT SPECIFICATION FOR 5050 SMD 3-LED MODULE

Descriptions:

- Ultra bright LED
- Deluxe Power Super Flux LED
- Long life
- Easy installation
- Voltages available 12VDC

Features:

- High brightness
- Gorgeous colour diversity
- Energy saving and Low power consumption,
- Environmental protection , Long life, Could use repeatedly
- Safety and convenience .
- Environment strong adaptability

Application:

- Shine word
- Advertising signs
- Large area back lighting
- Channel letter signs
- Indirect accent décor light
- Under counter light
- Decorate building's contour
- Substitute neon light

Product Picture:



Device Selection Guide

Module No.	Color	Wd & Chromaticity Coordinates* (Typ.)	Luminous Intensity / Per LED (Typ.)
SLQM78R	Red	625nm	6LM
SLQM78A	Yellow	590nm	6 LM
SLQM78VP	Green	525nm	15 LM
SLQM78AZ	Blue	470nm	4.5 LM
SLQM78B	White	X=0.31,y=0.33	20 LM

*1 Tolerance of dominant wavelength is ± 1 nm, Tolerance of chromaticity coordinates is ± 0.02

*2 Tolerance of luminous Flux is $\pm 15\%$

Absolute Maximum Ratings(Ta=25°C)

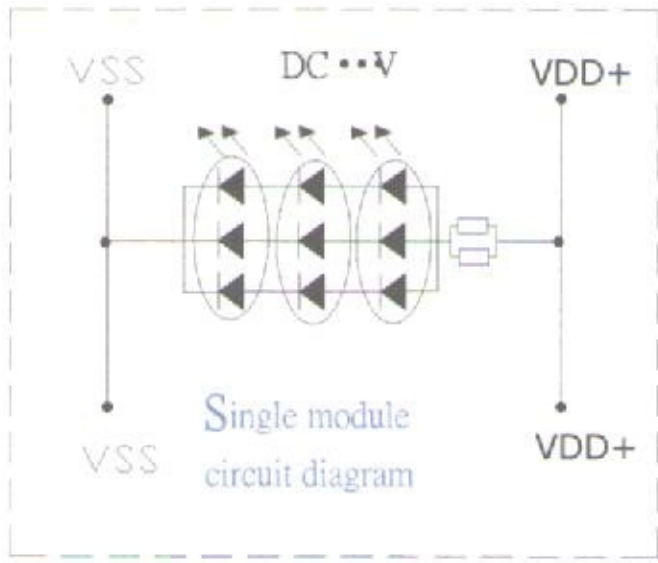
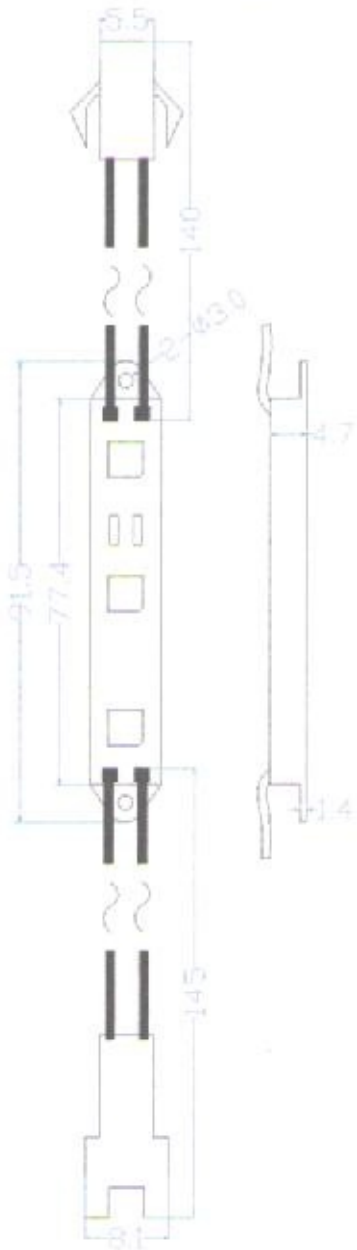
Items	Symbol	Values	Units
Operating Supply Range(DC)	Vi	14	V
Input Current (DC)	Ii	90	mA
Power Dissipation	Pa	1.26	W
LED Light Source Temperature	Tled	105	DegC
Operating Temperature	Tope	-10 ~ +40	DegC
Storage Temperature	Tsto	-20 ~ +80	DegC

Typical Performance (Ta=25°C)

Items	Symbol	Typ.	Max.	Units
LED Module Power	Pm	0.72	1.26	W
Input Voltage(DC)	Vi	12	14	V
Product Input Current	If	60	90	Ma
Beam Pattern	BP	60		Deg
Dimension	L*W*H	78*12		Mm
LED Quantity of Every PCS	QTY	3		PCS

Product Dimensions:

Connection mode of Module



Unit:mm
Tolerance:±0.5mm